

**CULTURAL RESOURCES SURVEY OF  
TRANQUIL HILL PLANTATION,  
DORCHESTER COUNTY, SOUTH CAROLINA**



**CHICORA RESEARCH CONTRIBUTION 407**

# **CULTURAL RESOURCES SURVEY OF TRANQUIL HILL PLANTATION, DORCHESTER COUNTY, SOUTH CAROLINA**

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## ABSTRACT

This study reports on an intensive cultural resources survey of a 25 acre tract located in southwestern Dorchester County, South Carolina. The work was conducted to assist Van Malprus and Tranquil Hill, LLC comply with Section 106 of the National Historic Preservation Act and the regulations codified in 36CFR800.

The tract, which borders Old Fort Road (S-662) to the south and Parlor Drive (S-259) to the southwest will be developed for single family occupancy. The surrounding area is being quickly developed with neighborhoods, schools, and commercial structures.

The proposed undertaking will require the clearing of the tract, followed by construction of various infrastructure elements, such as roads, stormwater drainage, and utilities. Individual lot construction will involve grading, additional utility construction, and subsequent building of structures. These activities have the potential to affect archaeological and historical sites and this survey was conducted to identify and assess archaeological and historical sites that may be in the project tract. For this study and area of potential effect (APE) 1.0 mile from the proposed tract was assumed.

An investigation of the archaeological site files at the South Carolina Institute of Archaeology and Anthropology identified three previously recorded sites in the APE (38DR194, 38DR196, and 38DR141/30). Site 38DR194 is an eighteenth century British fort with powder magazine. The site was recorded in 1999 and is likely eligible for listing on the National Register of Historic Places. Site 38DR196 is a nineteenth century and

unknown prehistoric scatter (Bridgman and Poplin 1999). It has been determined not eligible for the National Register. The final site, 38DR141/30, was first located in 1980 (Scurry 1980) and is located on the project tract. The site, known as Tranquil Hill Plantation, was identified in a reconnaissance survey, although no subsurface testing was performed. No eligibility determination was given because the site was outside the area of impact. Scurry (1980) does note that the site "may potentially merit listing on the National Register of Historic Places," however it was too large to be closely examined.

The maps at the S.C. Department of Archives and History were also consulted to see if any National Register of Historic Places sites were in the vicinity of the project area. None were identified. A county-wide architectural survey was performed in 1997, so these records are thought to be complete (Fick 1997).

The archaeological survey of the tract incorporated shovel testing at 100-foot intervals on transects which were placed at 100-foot intervals along the western edge of the tract. Selective 50-foot interval shovel tests were also conducted in the areas with a high density of artifacts. All shovel test fill was screened through ¼ -inch mesh and the shovel tests were backfilled at the completion of the study. A total of 195 shovel tests were excavated along 21 transect lines.

As a result of these investigations site 38DR141/30 was tested and its boundaries (incorporating about 18 acres of the 25 acre tract) determined. No other sites were found on the survey tract. Site 38DR141/30 contains materials

from Tranquil Hill Plantation (providing a mean ceramic date of 1780) and a very sparse scatter of prehistoric pottery.

We recommend 38DR141/30 eligible for inclusion on the National Register of Historical Places. The prehistoric component is recommended as a non-contributing resource. The site has the potential to address a broad range of research questions significant for late eighteenth century plantation development in Dorchester County.

Finally, it is possible that archaeological remains may be encountered in the project area

during clearing activities. Crews should be advised to report any discoveries of concentrations of artifacts (such as bottles, ceramics, or projectile points) or brick rubble to the project engineer, who should in turn report the material to the State Historic Preservation Office or to Chicora Foundation (the process of dealing with late discoveries is discussed in 36CFR800.13(b)(3)). No construction should take place in the vicinity of these late discoveries until they have been examined by an archaeologist and, if necessary, have been processed according to 36CFR800.13(b)(3).

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## INTRODUCTION

This investigation was conducted by Dr. Michael Trinkley of Chicora Foundation, Inc. for Mr. Van Malphrus of Tranquil Hill, LLC in North Charleston, South Carolina. The work was conducted to assist Tranquil Hill, LLC with Section 106 of the National Historic Preservation Act and the regulations codified in 36CFR800.

The project site consists of a 25 acre tract proposed to be used for residential development south of the city of Summerville, South Carolina (Figure 1). The survey area borders Old Fort Road (S-662) to the south and Parlor Drive (S-259) to the southwest (Figure 2). The northwestern boundary is a series of wetland ponds (historically Eagle Creek) and to the northeast a mixed pine and hardwood forest occupies the perimeter.

The tract consists of level topography with one hill rising about 10 feet above the surrounding tract. The hill is currently fallow with knee-high scrub taking over. The southern portion of the tract is a mixed pine and hardwood forest. The surrounding area is somewhat rural; however, neighborhoods, schools, and businesses are being quickly developed.

The tract is intended for a residential development. This work will require the construction of utilities such as electrical lines as well as an expanded road system when development begins. There will likely be increased short-term noise, traffic, and dust levels associated with the project. These activities have the potential to damage or otherwise affect any cultural resources that may be present on the tract.

This study, however, does not consider any future secondary impact of the project, including increased or expanded development of this portion of Dorchester County.

We were requested by Mr. Eric McClanahan of S&ME, Inc. to provide a proposal for the survey on April 7, 2004. A proposal was supplied on April 14. A proposal was also supplied to Mr. Van Malphrus of Tranquil Hill, LLC on the same day. Fieldwork on the project began on April 28 and required 32 person hours.

Initial background investigations incorporated a review of the site files at the South Carolina Institute of Archaeology and Anthropology. As a result of that work three previously recorded sites (38DR194, 38DR196, and 38DR141/30) were identified in the 1.0 mile APE.

Site 38DR194 is an eighteenth century British fort with powder magazine. The site was recorded in 1999 and recommended not eligible for the National Register. In spite of this recommendation the site form identifies the site as having "national" significance and recommending "excavation" (38DR194 site form, SCIAA). Moreover, the site includes intact subsurface features, including a brick wall 3-4 feet below the existing ground surface. It appears that the site should be considered eligible.

Site 38DR196 is a nineteenth century and unknown prehistoric scatter (Bridgman and Poplin 1999). It has been determined not eligible for the National Register.

The final site, 38DR141/30, was first identified in 1980 (Scurry 1980) and is located on the current project tract. The site, known as Tranquil Hill Plantation, was identified in a reconnaissance level survey and no subsurface testing was performed. Surface visibility was also listed as poor, with the field being in soybeans and grass. No eligibility determination was given because the site was outside of the area of impact. Scurry (1980) does say that the site "may



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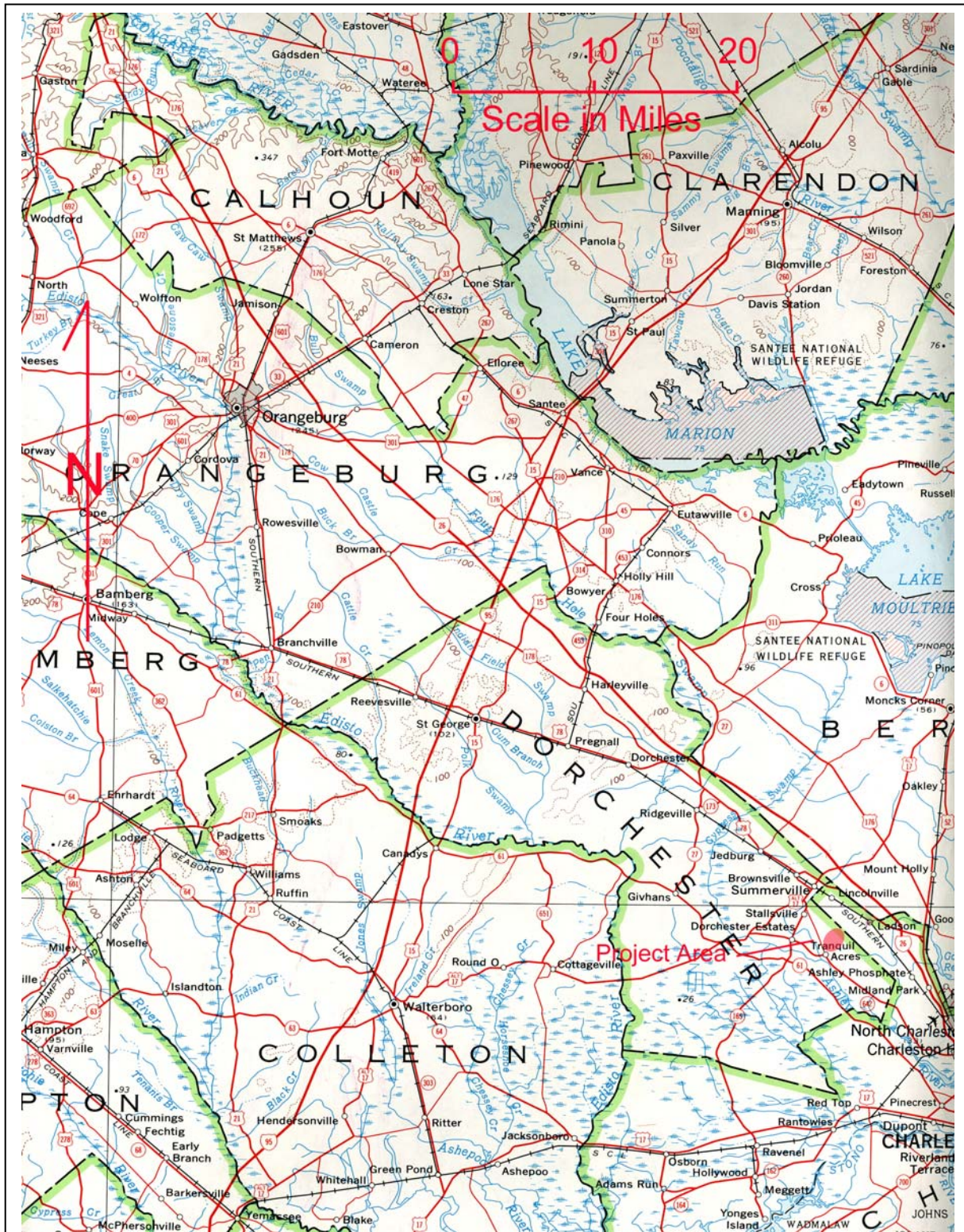


Figure 1. Project vicinity in Dorchester County (basemap is USGS South Carolina 1:500,000).



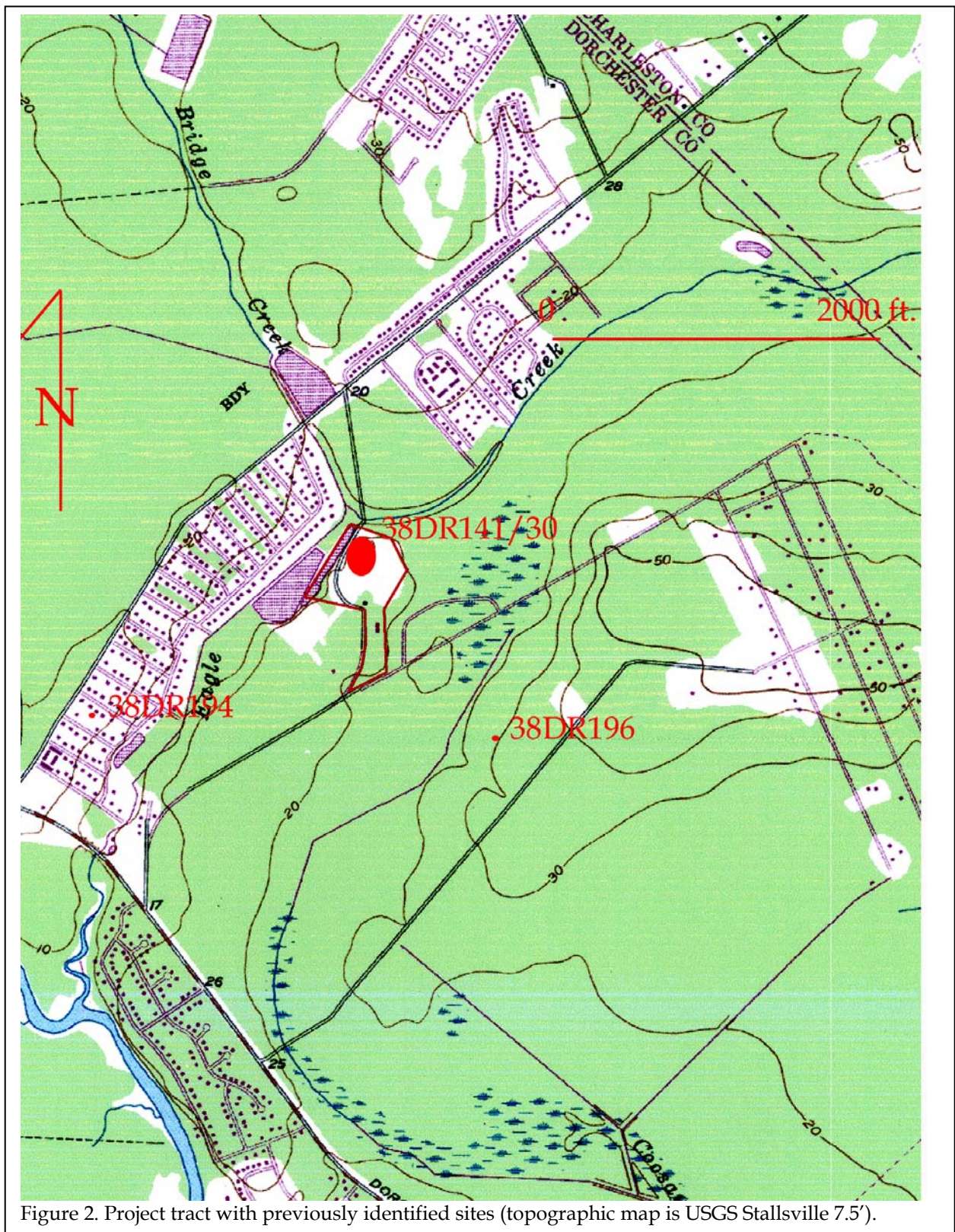


Figure 2. Project tract with previously identified sites (topographic map is USGS Stallville 7.5').

potentially merit listing on the National Register of Historic Places," however it was too large to be closely examined.

Examination of architectural sites at the South Carolina Department of Archives and History failed to identify any previously recorded sites. No sites were found in the 1997 county-wide architectural survey (Fick 1997).

Archival and historical research was limited to a review of secondary sources available in the Chicora Foundation files and the examination of the McCrady Plats at the S.C. Department of Archives and History.

The archaeological survey was conducted from April 28-29, 2004 by Ms. Nicole Southerland and Mr. Tom Covington under the direction of Dr. Michael Trinkley.

This report details the investigation of the project area undertaken by Chicora Foundation and the results of that investigation.



## NATURAL ENVIRONMENT

### Physiography

The project area is situated in the southeastern portion of Dorchester County, just west of the Berkeley County border. The project area contains a hill that rises in elevation about 10 feet from the generally level topography and overlooks Eagle Creek to the north.

Dorchester County is situated in the Lower Coastal Plain of South Carolina. It is bounded to the north by Orangeburg County, on the east by Berkeley County, on the south by Charleston County, and is separated from Colleton County on the west by the Edisto River. The county is drained by the Edisto and Ashley Rivers, with the project area itself drained directly into the Ashley River, just south of the project tract. Elevations in the county range from about 3 or 4 feet above sea level along parts of the Ashley River to about 120 feet above sea level near

Reevesville (Eppinette 1990:1). Elevations in the project area range from about 8 to 65 feet above mean sea level (AMSL).

This portion of the Lower Coastal Plain contains nearly level soils. In a few small areas, primarily along major rivers and swamps, the soils are gently sloping. Less than 1 percent of the county is flooded daily or occasionally by saline water. All of the soils in the county were deposited or formed during the Pleistocene epoch. During this period, the ocean moved over the area, perhaps several times. As the ocean retreated, it left formations and terraces which indicate former shorelines and soils of different ages. The terraces in Dorchester County, from the sea to the inland, are the Recent, Pamlico, Talbot, Penholoway, Wicomico, and Sunderland. The project area is located in the Pamlico Terrace which ranges from sea level up to 25 feet above sea level (Eppinette 1990:89).



Figure 3. View of Parlor Drive and the survey area of mixed pines and hardwoods to the left.

### Geology and Soils

The geology of the Lower Coastal Plain has been well described by Cooke (1936). Fluvial deposits of unconsolidated sands and clays dominate the area. Rocks are almost totally absent from the area, although Mills (1972[1826]:584) does note that some compact shell limestone was found on the Waccamaw between Gaul's Ferry and Bear Bluff.

Soils were

primarily formed during the Pleistocene epoch and several terraces were deposited (Dudley 1986:85). The project area is characterized by the Mouon-Brookman - Wahee Association, which has somewhat poorly drained to very poorly drained soils with a loamy surface layer over a loamy clay subsoil.

Three soil types are found on the project tract. The most abundantly found soil is Yauhannah loamy fine sand. These soils, generally found on slopes from 0 to 2%, have an A horizon of grayish brown (10YR5/2) loamy fine sand to a depth of 0.3 foot over a pale yellow (2.5Y7/4) loamy fine sandy to a depth of 1.5 feet.

The other two soil types, Grifton fine sandy loam and Elloree loamy fine sand, are prone to flooding, but are found only in the southern portion of the survey tract. Grifton soils generally have an A horizon of dark grayish brown (10YR4/2) fine sandy loam to 0.5 foot in depth over a light gray (10YR7/2) fine sandy loam to just under 1.0 foot. Elloree soils have an A horizon of very dark gray (10YR3/1) loamy fine sand to a depth of 0.7 foot over a dark grayish brown (10YR4/2) loamy fine sand that can occur to a depth of 1.7 feet.

### Climate

Elevation, latitude, and distance from the coast work together to affect the climate of South Carolina although Dorchester is clearly dominated by its proximity to the ocean. Much of the weather is controlled by the proximity of the Gulf Stream, about 50 miles offshore. In addition, the



Figure 4. View of the fallow field with the wetland area in the background.

more westerly mountains block or moderate many of the cold air masses that flow across the state from west to east. Even the very cold air masses that cross the mountains are warmed by compression before they descend on the Coast.

Consequently, the climate of Dorchester County is temperate. The winters are relatively mild with a mean temperature of 48°F and the summers are hot and humid, with a mean temperature of 79°F and average humidity of 55%.

Rainfall in the amount of about 50 inches is good for a broad range of crops. About 31 inches of rain (or 60% of the total) occurs during the growing season, April through September. The average growing season is about 223 days, although early freezes in the fall and late frosts in the spring can reduce this period.

### Floristics

In the better drained areas of the county, native trees consist mainly of loblolly pine, longleaf pine, oak, and hickory. Sweet gum, blackgum, yellow poplar, maple, tupelo, ash, and cypress are in the wetter soils. Mills (1972[1826]:510) comments that,

[an] abundance of the finest pine

timber is found in this district. Rafts of it are annually transported down the Edisto, to Charleston. Besides the pine, there are the live oak, poplar, cypress, beech, hickory, walnut, chestnut, and a variety of oak, the palmetto, and indeed all the different kinds of trees and shrubs common to the adjoining districts.

Mills, in the early nineteenth century, remarked that:

South Carolina is rich in native and exotic productions; the varieties of its soil, climate, and geological positions, afford plants of rare, valuable, and medicinal qualities; fruits of a luscious, refreshing, and nourishing nature; vines and shrubs of exquisite beauty, fragrance, and luxuriance, and forest trees of noble growth, in great variety (Mills 1972:66).

Mills (1972[1826]: 66-85) also notes that a number of trees, such as loblolly pines, longleaf pines, red bay, red cedar, and live oaks, were used for the production of tar and turpentine, the construction of houses and ships, and furniture making. Cypress was also used for construction purposes, but became more difficult to obtain by the end of the eighteenth century when cypress swamps in the county were cleared and a system of dikes and ditches were constructed for rice fields. The tidal influence in the county was used to flood and drain the fields. Regarding tidal rice cultivation, Mills stated that “[t]he rice lands are very productive, yielding on an average two barrels, or 1400 pounds of rice to the acre,” (Mills 1972[1826]: 505). He further stated that other swamp lands were “remarkably fine for raising cotton and corn; 600 to 800 pounds of see cotton being the usual product to the acre, and 20 to 30 bushels of corn” (Mills 1972[1826]: 505).

The project area’s vegetation consists of mixed pines and hardwoods (Figure 3) in the southern portion of the tract and a fallow field (Figure 4), which encompasses most of the northern portion of the project area. Two small ponds (remnants of the Eagle Creek after channalization) are located in the northwest portion of the tract and during the survey; animals such as alligators and water moccasins were seen inhabiting the wetlands.



## PREHISTORIC AND HISTORIC BACKGROUND

### Previous Research

Dorchester County has received rather spotty attention. Although 49 projects have been recorded in Derting et al. (1991), with 18 (38%) representing compliance work, very few sites have been recorded. The same lack of activity is true for the bordering Colleton County. However, nearby Charleston and Berkeley Counties have sites numbering into the thousands. It does not appear that Dorchester County has a lack of sites, but instead has lacked sufficient research.

This is not to say that Dorchester County does not have some significant archaeological sites. While not in the project APE, the Old Dorchester State Historic Site includes the parish church (38DR3), an underwater site containing two wharves (38DR169), the tabby fort (38DR4), a shipwreck (38DR170), and a burial of two individuals (38DR152). The identification of these sites took place from 1975 to 1995 and can be detailed in a number of reports including work by Carrillo (1973, 1975, 1976), Harmon (1980, 1981), Brooks and Harmon (1981), and Hartley (1984).

Three surveys have been performed in the project APE. Two of these involve compliance reports (Bridgman and Poplin 1999; Rust 1999), while one was a management plan for the City of North Charleston (Hendrix et al. 2002).

As previously mentioned, a county-wide architectural survey has been completed (Fick 1997), however no structures were found within the project APE.

### The Prehistoric

The Paleoindian period, lasting from 12,000 to 8,000 B.C., is evidenced by basally thinned, side-notched projectile points; fluted,

lanceolate projectile points; side scrapers; end scrapers; and drills (Coe 1964; Michie 1977; Williams 1965). The Paleoindian occupation, while widespread, does not appear to have been intensive. Artifacts are most frequently found along major river drainages, which Michie interprets to support the concept of an economy "oriented towards the exploitation of now extinct mega-fauna" (Michie 1977:124).

Unfortunately, little is known about Paleoindian subsistence strategies, settlement systems, or social organization. Generally, archaeologists agree that the Paleoindian groups were at a band level of society (see Service 1966), were nomadic, and were both hunters and foragers. While population density, based on the isolated finds, is thought to have been low, Walthall suggests that toward the end of the period, "there was an increase in population density and in territoriality and that a number of new resource areas were beginning to be exploited" (Walthall 1980:30).

The Archaic period, which dates from 8000 to 2000 B.C., does not form a sharp break with the Paleoindian period, but is a slow transition characterized by a modern climate and an increase in the diversity of material culture. Associated with this is a reliance on a broad spectrum of small mammals, although the white tailed deer was likely the most commonly exploited mammal. The chronology established by Coe (1964) for the North Carolina Piedmont may be applied with little modification to the South Carolina coastal plain and piedmont. Archaic period assemblages, exemplified by corner-notched and broad-stem projectile points, are fairly common, perhaps because the swamps and drainages offered especially attractive ecotones.



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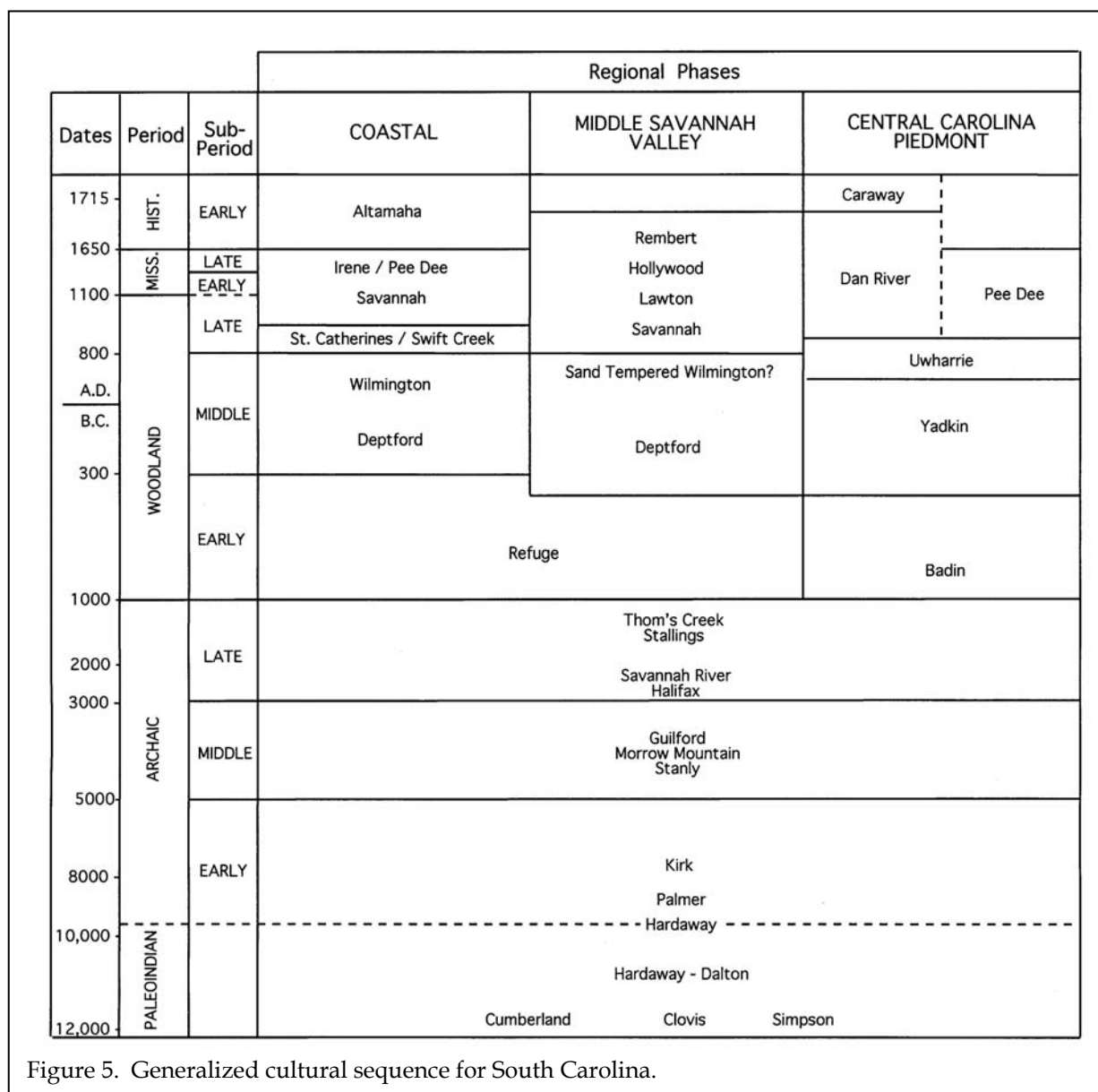


Figure 5. Generalized cultural sequence for South Carolina.

In the Coastal Plain of the South Carolina there is an increase in the quantity of Early Archaic remains, probably associated with an increase in population and associated increase in the intensity of occupation. While Hardaway and Dalton points are typically found as isolated specimens along riverine environments, remains from the following Palmer phase are not only more common, but are also found in both riverine and interriversine settings. Kirks are likewise common in the coastal plain (Goodyear et al.

1979).

The two primary Middle Archaic phases found in the coastal plain are the Morrow Mountain and Guilford (the Stanly and Halifax complexes identified by Coe are rarely encountered). Our best information on the Middle Woodland comes from sites investigated west of the Appalachian Mountains, such as the work in the Little Tennessee River Valley. The work at Middle Archaic river valley sites, with their

evidence of a diverse floral and faunal subsistence base, seems to stand in stark contrast to Caldwell's Middle Archaic "Old Quartz Industry" of Georgia and South Carolina, where axes, choppers, and ground and polished stone tools are very rare.

The Late Archaic is characterized by the appearance of large, square stemmed Savannah River projectile points (Coe 1964). These people continued the intensive exploitation of the uplands much like earlier Archaic groups. The bulk of our data for this period, however, comes from work in the Uwharrie region of North Carolina.

The Woodland period begins by definition with the introduction of fired clay pottery about 2000 B.C. along the South Carolina coast (the introduction of pottery, and hence the beginning of the Woodland period, occurs much later in the Piedmont of South Carolina). It should be noted that many researchers call the period from about 2500 to 1000 B.C. the Late Archaic because of a perceived continuation of the Archaic lifestyle in spite of the manufacture of pottery. Regardless of terminology, the period from 2500 to 1000 B.C. is well documented on the South Carolina coast and is characterized by Stallings (fiber-tempered) pottery (see Figure 5 for a synopsis of Woodland phases and pottery designations). The subsistence economy during this early period was based primarily on deer hunting and fishing, with supplemental inclusions of small mammals, birds, reptiles, and shellfish.

Like the Stallings settlement pattern, Thom's Creek sites are found in a variety of environmental zones and take on several forms. Thom's Creek sites are found throughout the South Carolina Coastal Zone, Coastal Plain, and up to the Fall Line. The sites are found into the North Carolina Coastal Plain, but do not appear to extend southward into Georgia.

In the Coastal Plain drainage of the Savannah River there is a change of settlement, and probably subsistence, away from the riverine focus found in the Stallings Phase (Hanson

1982:13; Stoltman 1974:235-236). Thom's Creek sites are more commonly found in the upland areas and lack evidence of intensive shellfish collection. In the Coastal Zone large, irregular shell middens, small, sparse shell middens; and large "shell rings" are found in the Thom's Creek settlement system.

The Deptford phase, which dates from 1100 B.C. to A.D. 600, is best characterized by fine to coarse sandy paste pottery with a check stamped surface treatment. The Deptford settlement pattern involves both coastal and inland sites.

Inland, sites such as 38AK228-W, 38LX5, 38RD60, and 38BM40 indicate the presence of an extensive Deptford occupation on the Fall Line and the Coastal Plain, although sandy, acidic soils preclude statements on the subsistence base (Anderson 1979; Ryan 1972; Trinkley 1980b). These interior or upland Deptford sites, however, are strongly associated with the swamp terrace edge, and this environment is productive not only in nut masts, but also in large mammals such as deer. Perhaps the best data concerning Deptford "base camps" comes from the Lewis-West site (38AK228-W), where evidence of abundant food remains, storage pit features, elaborate material culture, mortuary behavior, and craft specialization has been reported (Sassaman et al. 1990:96-98).

Throughout much of the Coastal Zone and Coastal Plain north of Charleston, a somewhat different cultural manifestation is observed, related to the "Northern Tradition" (e.g., Caldwell 1958). This recently identified assemblage has been termed Deep Creek and was first identified from northern North Carolina sites (Phelps 1983). The Deep Creek assemblage is characterized by pottery with medium to coarse sand inclusions and surface treatments of cord marking, fabric impressing, simple stamping, and net impressing. Much of this material has been previously designated as the Middle Woodland "Cape Fear" pottery originally typed by South (1976). The Deep Creek wares date from about 1000 B.C. to A.D. 1 in

North Carolina, but may date later in South Carolina. The Deep Creek settlement and subsistence systems are poorly known, but appear to be very similar to those identified with the Deptford phase.

The Deep Creek assemblage strongly resembles Deptford both typologically and temporally. It appears this northern tradition of cord and fabric impressions was introduced and gradually accepted by indigenous South Carolina populations. During this time some groups continued making only the older carved paddle-stamped pottery, while others mixed the two styles, and still others (and later all) made exclusively cord and fabric stamped wares.

The Middle Woodland in South Carolina is characterized by a pattern of settlement mobility and short-term occupation. On the southern coast it is associated with the Wilmington phase, while on the northern coast it is recognized by the presence of Hanover, McClellanville or Santee, and Mount Pleasant assemblages. The best data concerning Middle Woodland Coastal Zone assemblages comes from Phelps' (1983:32-33) work in North Carolina. Associated items include a small variety of the Roanoke Large Triangular points (Coe 1964:110-111), sandstone abraders, shell pendants, polished stone gorgets, celts, and woven marsh mats. Significantly, both primary inhumations and cremations are found.

On the Coastal Plain of South Carolina, researchers are finding evidence of a Middle Woodland Yadkin assemblage, best known from Coe's work at the Doerschuk site in North Carolina (Coe 1964:25-26). Yadkin pottery is characterized by a crushed quartz temper and cord marked, fabric impressed, and linear check stamped surface treatments. The Yadkin ceramics are associated with medium-sized triangular points, although Oliver (1981) suggests that a continuation of the Piedmont Stemmed Tradition to at least A.D. 300 coexisted with this Triangular Tradition. The Yadkin series in South Carolina was first observed by Ward (1978, 1983) from the White's Creek drainage in Marlboro County,

South Carolina. Since then, a large Yadkin village has been identified by DePratter at the Dunlap site (38DA66) in Darlington County, South Carolina (Chester DePratter, personal communication 1985) and Blanton et al. (1986) have excavated a small Yadkin site (38SU83) in Sumter County, South Carolina. Research at 38FL249 on the Roche Carolina tract in northern Florence County revealed an assemblage including Badin, Yadkin, and Wilmington wares (Trinkley et al. 1993:85-102). Anderson et al. (1982:299-302) offer additional typological assessments of the Yadkin wares in South Carolina.

Over the years the suggestion that Cape Fear might be replaced by such types as Deep Creek and Mount Pleasant has raised considerable controversy. Taylor, for example, rejects the use of the North Carolina types in favor of those developed by Anderson et al. (1982) from their work at Mattassee Lake in Berkeley County (Taylor 1984:80). Cable (1991) is even less generous in his denouncement of ceramic constructs developed nearly a decade ago, also favoring adoption of the Mattassee Lake typology and chronology. This construct, recognizing five phases (Deptford I - III, McClellanville, and Santee I), uses a type variety system.

Regardless of terminology, these Middle Woodland Coastal Plain and Coastal Zone phases continue the Early Woodland Deptford pattern of mobility. While sites are found all along the coast and inland to the Fall Line, shell midden sites evidence sparse shell and artifacts. Gone are the abundant shell tools, worked bone items, and clay balls. Recent investigations at Coastal Zone sites such as 38BU747 and 38BU1214, however, have provided some evidence of worked bone and shell items at Deptford phase middens (see Trinkley 1990).

In many respects the South Carolina Late Woodland may be characterized as a continuation of previous Middle Woodland cultural assemblages. While outside the Carolinas there were major cultural changes, such as the continued development and elaboration of

agriculture, the Carolina groups settled into a lifeway not appreciably different from that observed for the previous 500 to 700 years (cf. Sassaman et al. 1990:14-15). This situation would remain unchanged until the development of the South Appalachian Mississippian complex (see Ferguson 1971).

The South Appalachian Mississippian Period (ca. A.D. 1100 to 1640) is the most elaborate level of culture attained by the native inhabitants and is followed by cultural disintegration brought about largely by European disease. The period is characterized by complicated stamped pottery, complex social organization, agriculture, and the construction of temple mounds and ceremonial centers. The earliest phases include the Savannah and Pee Dee (A.D. 1200 to 1550).

### **Historic Overview**

The English established the first permanent settlement in what is today South Carolina in 1670 on the west bank of the Ashley River. Like other European powers, the English were lured to the New World for reasons other than the acquisition of land and promotion of agriculture. The Lord Proprietors, who owned the colony until 1719-1720, intended to discover a staple crop whose marketing would provide great wealth through the mercantile system.

By 1680 the settlers of Albemarle Point had moved their village across the bay to the tip of the peninsula formed by the Ashley and Cooper rivers. This new settlement at Oyster Point would become modern day Charleston. The move provided not only a more healthful climate and an area of better defense, but:

[t]he situation of this Town is so convenient for public Commerce that it rather seems to be the design of some skillful Artist than the accidental position of nature (Mathews 1954:153).

While the Indian trade was profitable to

many of the Carolina colonists, it did not provide the proprietors with the wealth they were expecting from the new colony. Early agricultural experiments, which involved olives, grapes, silkworms, and oranges, were less than successful. Consequently, the cultivation of cotton, rice, tobacco, and flax were stressed as these were staple crops whose marketing the proprietors could easily monopolize.

In 1696, further up the Ashley River, a grant of 1,800 acres on a peninsula of high land located between the Ashley River and the Booshoo-ee Creek (now Dorchester Creek, and also referred to as Boshoo or Boshoe Creek) was obtained by Massachusetts Congregationalists, and the town of Dorchester was established (Carrillo 1973:5). Dorchester, located at the navigable head of the Ashley River became a center for trade and the distribution of goods (Walker 1941:50). Trade between local farmers, artisans, and merchants, and a lucrative deerskin trade comprised Dorchester's economy (Beck 1998:2). Naval stores, such as tar, pitch, and lumber were also exported from Dorchester.

The Congregationalist Church obtained 2,250 additional acres between 1699 and 1700, making the total acreage associated with the Congregationalist Church 4,050 acres (Smith 1905:70-72). Diaries belonging to elders of the church show that not all original occupants of the Dorchester settlement were associated with the Congregationalists, with "others that were concerned" also drawing lots for land divisions in the settlement along with church members (Smith 1905:72). Land was set aside in Dorchester for a "place of trade," a public square and streets, and a "commons" (Smith 1905:72-73). The space where the creek enters the river was also set aside for public use, and an additional 123 acres north of the town along Boshoe Creek was set aside for mill purposes.

Construction of a permanent brick church, called the "White meeting House" was begun sometime after 1700. During this time, the town began to grow and soon a number of merchants

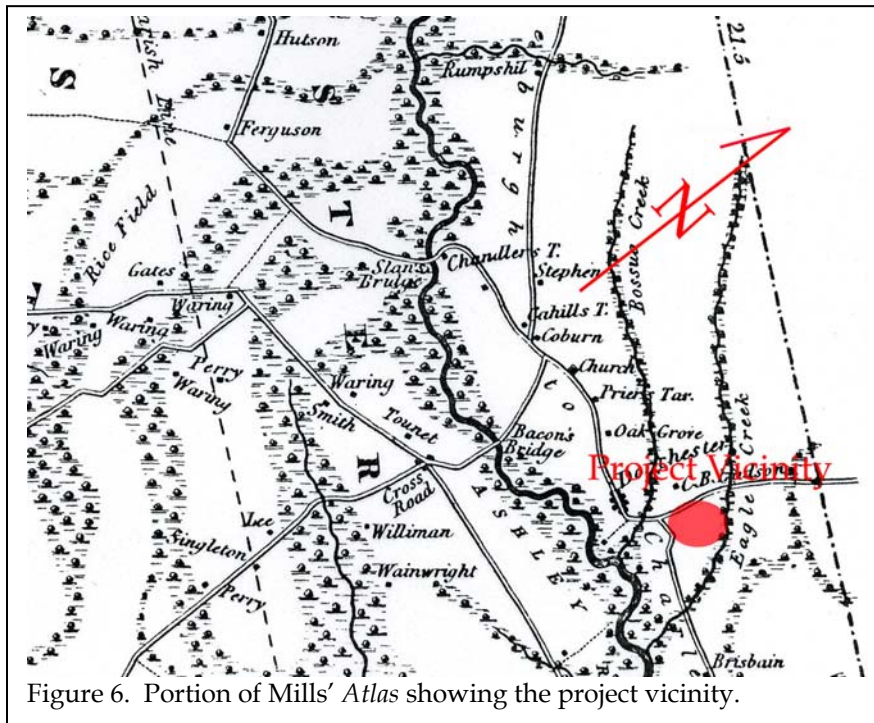


Figure 6. Portion of Mills' Atlas showing the project vicinity.

had established themselves in Dorchester town (Smith 1905:79). New settlers to Dorchester received grants higher up and across the Ashley River. In 1706, the Act for the establishment of the Church of England in the Province was passed, resulting in the creation of six parishes, including St. Andrew's Parish, to which Dorchester belonged. By 1708, the town contained about 350 people.

In 1719, St. Andrew's Parish was divided and Dorchester became part of the St. George Parish, with 115 English families, including 500 persons and 1,300 slaves, living in the town (Smith 1905:80). Estate inventories show that both Anglicans and dissenters in Dorchester owned slaves (Beck 1998:2). According to an advertisement in the *South Carolina Gazette*, more than 300 African slaves from Angola were brought to Dorchester to be sold in order to avoid a smallpox epidemic in Charleston (Beck 1998:2).

Rice soon became more profitable than earlier crops in Dorchester, increasing the wealth of planters (Beck 1998:3), and encouraging the large scale introduction of slavery. Although

introduced at least by the 1690s, rice did not become a significant staple crop until the early eighteenth century. At that time it not only provided the proprietors with an economic base the mercantile system required, but it was also to form the basis of South Carolina's plantation system (Carpenter 1973). The majority of the slaves owned in Dorchester were concentrated in the surrounding plantations, with fewer slaves owned by merchants and artisans in the township (Beck 1998:3). Many plantations sprung up along the Ashley River, including Middleton Place, Archdale, Chatsworth, Spring

Farm and Cedar Grove (Walker 1941:23).

In 1719, a Statute for constructing a Church of England was enacted, and 150 acres were purchased for the church grounds. By 1734, the church repairs and the construction of the parsonage house were undertaken. The town's growth also enabled the construction of roads into the surrounding country and bridges over the Ashley River. Other Acts, in 1723 and 1734, were passed for establishing a fair and markets, and founding a free school. However, the school and housing for the school's master were not constructed until 1758.

Between 1752 and 1756, overcrowding within Dorchester and concerns over the unhealthiness of the area led the Congregationalists to move to Georgia, without a marked decrease to Dorchester's importance as a locus of trade and distribution. The exodus of the entire congregation however, meant that the "White Meeting House" church was no longer used for church services, and sat vacant until later in the century (Smith 1905:92).



During this time, Dorchester was also affected, though not directly, by the increased hostilities in the country associated with the French and Indian Wars. Preparations took place in the state to develop fortifications and additions to existing coastal defense works at Port Royal, Winyaw, Fort Johnson, and Dorchester (Carrillo 1973:7). A magazine and wall at Dorchester began construction in the late 1750s, with construction ceasing after 1760 most likely due to the decline of anxiety and tension in this area. The tabby fort built to assuage fears of attacks from Native Americans is still standing at the Old Dorchester State Historic Site on the high bank of the Ashley River (Beck 1998:1). The fort was constructed on the north side of the Ashley River in an area that comprised the extreme southern portion of the town of Dorchester. Carrillo (1973:13) describes the tabby fort as a "flanked redoubt" which "resembles a pin wheel having four straight or slightly angling sides" (Carrillo 1973:13).

South Carolina's economic development during the pre-Revolutionary War period involved a complex web of interactions between slaves, planters, and merchants. By 1710 slaves outnumbered free people in South Carolina and by the 1730s slaves were beginning to be concentrated on a few, large slave-holding plantations. By the close of the eighteenth century some South Carolina plantations had a ratio of slaves to whites that was 27:1 (Morgan 1977).

With the onset of the Revolutionary War, Dorchester was named as a possible armed post and by December 9, 1775, the Council of Safety of the Second Provincial Congress issued an order for manning the post with troops and militia (Carrillo 1973:10).

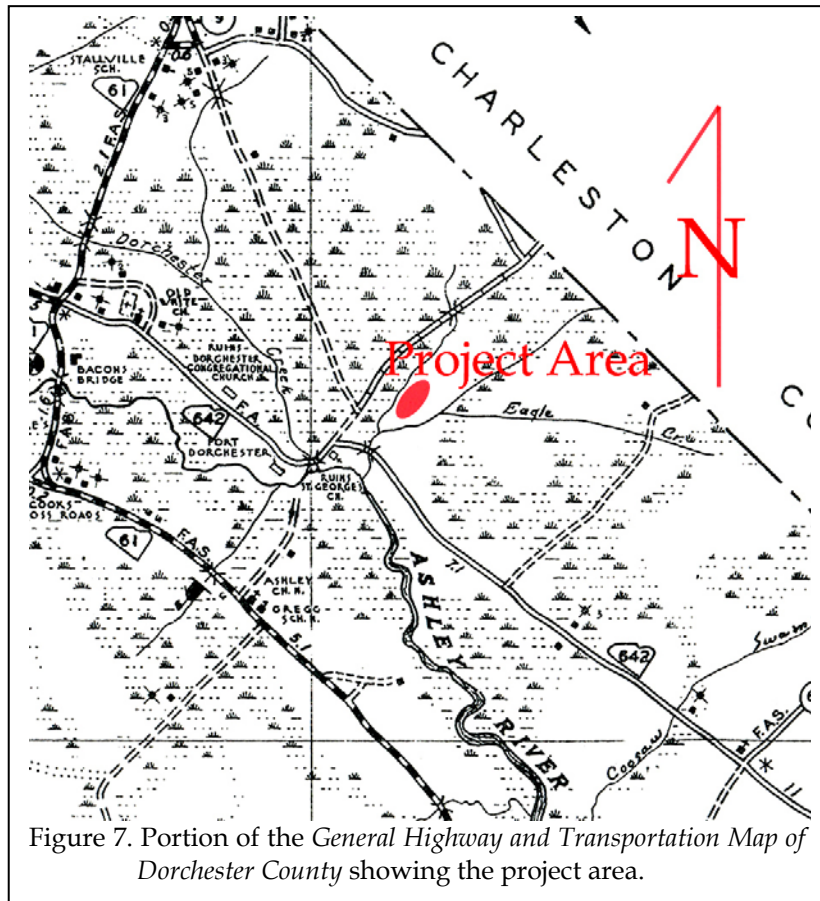


Figure 7. Portion of the General Highway and Transportation Map of Dorchester County showing the project area.

With American forces defending Charleston, Dorchester was occupied twice by the British in 1780 and 1781. Dorchester was sacked and burned on December 1, 1781 when the British learned of an impending attack and retreated to Charleston (Carrillo 1973:10).

Within five years of the Revolutionary War, Dorchester decayed rapidly (Smith 1905:86). According to Smith, this decline was due to several factors including the growth of the middle and upper country and the extension of the frontier, the development increased use of roads, the town's unsuitability for summer resorts for nearby planters, the planters' reliance on Charles Town for business needs rather than Dorchester, and the infertile land surrounding Dorchester (Smith 1905:85). The demise of Dorchester was facilitated by the growth of the town of Summerville by planters from the area who built

houses and summer settlements there.

By 1832, Summerville had grown to the extent that the area was referred to as an “Old Summerville” and a “New Summerville” when the SC Canal and Railroad Company began building a railroad line (Walker 1941:78). Growth continued in the general area, prompting the creation of new counties. In 1800, Colleton County was formed from parts of Charleston County. Mills’ *Atlas* from 1825, which places the project area in Colleton County, fails to show any structures in the immediate project area (Figure 6). At this time Summerville was part of Charleston County. By 1897, Dorchester County was formed from parts of Colleton and Berkeley County. Summerville continued to grow and by 1939, the South Carolina State Highway and Transportation Map shows the town to have a population of 3,023. This map also shows that there were no structures located in the project area at this time (Figure 7). These maps indicate that while Summerville grew, the area near the old town of Dorchester was not actively developed in the early 1900s, and the project area also showed a lack of development.

### **Project Tract**

The only historical research conducted for the project tract is that by H.A.M. Smith (1988b:152-155). While the tract begs for far more detailed historic documentation (Smith 1988a:22 notes that the site is “noteworthy for its choice site and elaborate gardens”) this survey provides only baseline data for evaluation purposes.

Smith explains that the property, amounting to 210 acres, was first granted to James Varine in February 1683/4. Although it appears Varine took possession of the property it was soon afterwards abandoned and a new warrant laid out to Edward Jones: “The above Land is Situated on the north Side of the Ashley River joyneing or bounding to George Barnetts & Paul Parkers Land yt: was the said two hundred & ten acres was formerly in the possession of Mr: James Verion in Barkley County (Smith 1988b:152-153; see also

Proprietary Grants 38:150). Smith goes to recount a number of additional grants in this same area that were apparently to either Jones or his wife, perhaps totaling 820 acres.

By uncertain means much of this property was then acquired by Col. Charlesworth Glover, an Indian Trader, possibly with part of an additional grant. Smith estimates that Glover owned about 600 acres. With his death in 1732/3 the plantation was advertised for sale:

To be sold at Vendue on the 22d of March a Plantation within a mile of Dorchester Town belonging to Col Glover’s Estate Containing 600 acres of very good planting land with a beautiful Dwelling-House 45 Foot long and 35 Foot wide 2 floors 4 rooms on a Floor with Buffets Closets &c a dry6 cellar underneath with several and Convenient Rooms pleasantly Scituated a good Pasture Barn Negro houses &c (S.C. *Gazette*, February 17-24, 1723/4; quoted in Smith 1988b:153-154).

The property was acquired by Malachi Glaze – either from the sale or through his marriage to Glover’s widow. Smith provides virtually no information concerning his ownership, except that he died in 1740 and his ownership is based on a November 25, 1749 map that states Glaze’s executors sold 473 acres off the tract to Dr. Robert Dunbar (Smith 1988b:154).

Smith then recounts the property passing through a variety of hands:

Dr. Robert Dunbar . . . conveyed to Mary Langley who transferred to Adam Daniel, whose Executors on 8 April 1768 conveyed to Daniel Huger, and also with his wife Margaret conveyed on 1 March 1773 to

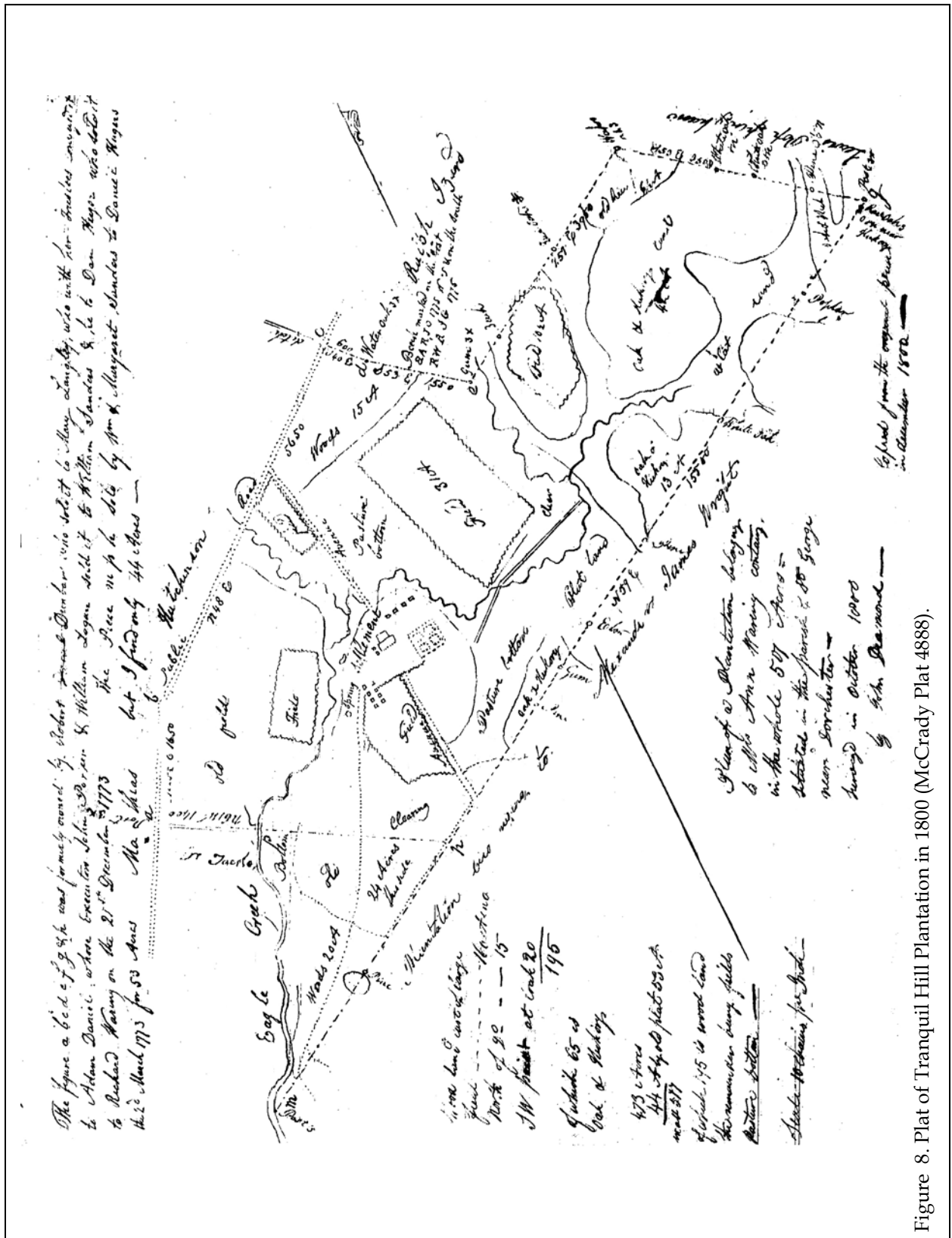


Figure 8. Plat of Tranquil Hill Plantation in 1800 (McCrary Plat 4888).



Daniel Huger 53 acres off the "Eagles" tract. Daniel Huger with Binkey his wife on 2 December 1773 conveyed to Richard Waring the whole 526 acres (Smith 1988b:154).

With the acquisition of the property by Richard Waring in 1773 the tract, previously known as "White Hall," became "Tranquil Hill." Waring was the son of Thomas Waring and Susanna Smith and was born on April 10, 1748 (Smith 1988b:154). Middleton (1953:171), however, reports that Richard (1748-1781) was the son of Richard and Sarah Waring Waring – so clearly some additional genealogical research is necessary.

In 1768 he married Anne Branford, who died within a year of their marriage. Waring then married Ann, daughter of John Coming Ball, in 1771. Waring died in 1781, but his widow, Mrs. Ann Waring, continued living on the plantation until her death in 1826.

During her tenure the property was described as:

the most charming inland place, (with its numerous shady walks, its meandering creek, stylish gate and bridge) within the lower part of the State . . . a palatial mansion, and elegant residence, rendered more attractive by its beautiful southern courtyard, with its gravelled walks, enclosed with living box, and containing flowers of every hue and tropical fragrance. To the warm, youthful feelings, the gardens were Hesperian, beautiful with beds of flowers, embowered walks, cool retreats and alcove seats. The widely extended fields were perfectly Elysian" (Mrs. Poyas, *Our Forefathers*, pg. 101, quoted in Smith 1988b:154).

Smith notes that the Warings left no children and he did not continue to trace the title after 1826, although it appears that the property fell into rapid decline. He comments that when he first visited the property in 1883, it was already under cultivation:

The site of the house is marked by a loose mass of broken brick; the walls of box, the flowers, the "stylish gate and bridge" were all gone. The meandering creek remained, and the fine house site rising boldly from the bed of the lowland. Since then the whole space around the remnants of the chimney hearth have been turned into a cultivated field, and the plough share driven over the hospitable halls of "beautiful Tranquil Hill." (Smith 1988b:155).

Currently the best view of the plantation is provided by an 1800 John Diamond plat of 507 acres (McCrary Plat 4888, Figure 8). This plat shows a variety of fields, although no crops are listed; one "old field," signifying land taken out of cultivation for rest; "pasture bottom," suggesting the presence of cattle; and about 145 acres of wood land. This allocation of lands at the turn of the century suggests that the plantation was active.

Also shown are three settlement areas – a main house and two support structures that almost certainly were situated on the high rise still visible in the fields today, a series of four buildings to the northeast that may represent support structures or the house slave settlement; and a double row of eight slave houses to the southwest. The gardens were situated to the east-southeast of the main settlement and appear to be formally laid out in four quadrants.

## METHODS

### Archaeological Field Methods

The initially proposed field techniques involved the placement of shovel tests at 100-foot intervals along transects placed at 100-foot intervals.

All soil would be screened through ¼-inch mesh, with each test numbered sequentially by transect. Each test would measure about 1 foot square and would normally be taken to a depth of at least 1.0 foot or until subsoil was encountered. All cultural remains would be collected, except for mortar and brick, which would be quantitatively noted in the field and discarded. Notes would be maintained for profiles at any sites encountered.

Should sites (defined by the presence of three or more artifacts from either surface survey or shovel tests within a 50 foot area) be identified, further tests would be used to obtain data on site boundaries, artifact quantity and diversity, site integrity, and temporal affiliation. These tests would be placed at 25 to 50 foot intervals in a simple cruciform pattern until two consecutive negative shovel tests were encountered. The information required for completion of South Carolina Institute of Archaeology and Anthropology site forms would be collected and photographs would be taken, if warranted in the opinion of the field investigators.

Transects were set up from the northern portion of the project tract, heading south. Individual shovel tests ran east along the transect lines. Additional testing at 50-foot intervals was performed for the site, 38DR141. A total of 195 shovel tests were excavated for the survey tract.

The GPS positions were taken with a Garmin GPS 76 rover that tracks up to twelve satellites, each with a separate channel that is

continuously being read. The benefit of parallel channel receivers is their improved sensitivity and ability to obtain and hold a satellite lock in difficult situations, such as in forests or urban environments where signal obstruction is a frequent problem. This was not a vital concern for the study area.

GPS accuracy is generally affected by a number of sources of potential error, including errors with satellite clocks, multipathing, and selective availability. Satellite clock errors can occur when the satellites' clock is off by as little as a millisecond, or when a slightly-askew orbit results in a distance error. Multipathing occurs when the signal bounces off trees, chain-link fences, or bodies of water. Multipathing was probably not a significant source of error for this study since the site area was in a fallow field with no trees immediately interfering. The source of most extreme GPS errors is selective availability (SA), the deliberate mistiming of satellite signals by the Department of Defense. This degradation results in horizontal errors of up to 100 m 95% of the time, although the error may be as much as 300 m. Nevertheless, selective availability has been turned off by the DOD. We have previously determined the 3D<sup>1</sup> and DGPS readings with the Garmin 76 were identical. Therefore, we relied on 3D navigation mode, with expected potential horizontal errors of 10 m or less.

### Architectural Survey

As previously discussed, we elected to use

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<sup>1</sup>A basic requirement for GPS position accuracy is having a lock on at least four satellites, which places the receiver in 3D mode. This is critical B as an example, positions calculated with less than four satellites can have horizontal errors in excess of a mile, or over 1,600 m.

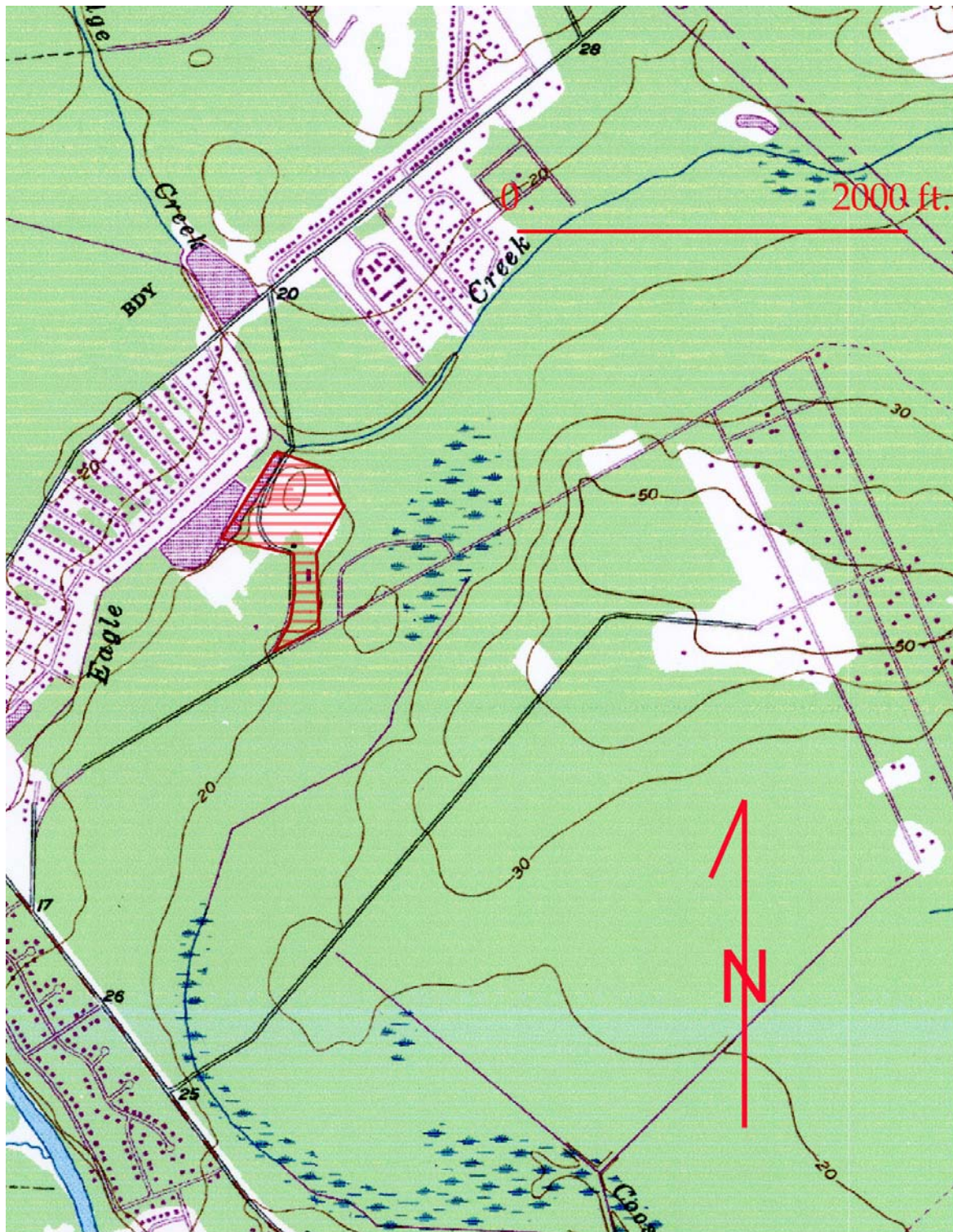


Figure 9. Project tract shown with transect lines (topographic map is USGS Stallsville 7.5')

a 1.0 mile area of potential effect (APE). The architectural survey would record buildings, sites, structures, and objects that appeared to have been constructed before 1950. Typical of such projects, this survey recorded only those which have retained "some measure of its historic integrity" (Vivian n.d.:5) and which were visible from public roads.

For each identified resource we would complete a Statewide Survey Site Form and at least two representative photographs were taken. Permanent control numbers would be assigned by the Survey Staff of the S.C. Department of Archives and History at the conclusion of the study. The Site Forms for the resources identified during this study would be submitted to the S.C. Department of Archives and History. As previously mentioned, Dorchester County has received a county-wide architectural survey and this survey is thought to be complete (Fick 1997).

### **Site Evaluation**

Archaeological sites will be evaluated for further work based on the eligibility criteria for the National Register of Historic Places. Chicora Foundation only provides an opinion of National Register eligibility and the final determination is made by the lead federal agency, in consultation with the State Historic Preservation Officer at the South Carolina Department of Archives and History.

The criteria for eligibility to the National Register of Historic Places are described by 36CFR60.4, which states:

the quality of significance in American history, architecture, archaeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association, and

a. that are associated with events that have made a significant contribution to the broad patterns of our history; or

b. that are associated with the lives of persons significant in our past; or

c. that embody the distinctive characteristics of a type, period, or method of construction or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or

d. that have yielded, or may be likely to yield, information important in prehistory or history.

*National Register Bulletin 36* (Townsend et al. 1993) provides an evaluative process that contains five steps for forming a clearly defined explicit rationale for either the site's eligibility or lack of eligibility. Briefly, these steps are:

- identification of the site's data sets or categories of archaeological information such as ceramics, lithics, subsistence remains, architectural remains, or sub-surface features;

- identification of the historic context applicable to the site, providing a framework for the evaluative process;

- identification of the important research questions the site might be able to address, given the data sets and the context;





Figure 10. View of modern house on the survey tract.

- evaluation of the site's archaeological integrity to ensure that the data sets were sufficiently well preserved to address the research questions; and
- identification of important research questions among all of those which might be asked and answered at the site.

This approach, of course, has been developed for use documenting eligibility of sites being actually nominated to the National Register of Historic Places where the evaluative process must stand alone, with relatively little reference to other documentation and where typically only one site is being considered. As a result, some aspects of the evaluative process have been summarized, but we have tried to focus on an archaeological site's ability to address significant research topics within the context of its available data sets.

For architectural sites the evaluative process was somewhat different. Given the relatively limited architectural data available for most of the properties, we focus on evaluating these sites using National Register Criterion C, looking at the site's "distinctive characteristics."

Key to this concept is the issue of integrity. This means that the property needs to have retained, essentially intact, its physical identity from the historic period.

Particular attention would be given to the integrity of design, workmanship, and materials. Design includes the organization of space, proportion, scale, technology, ornamentation, and

materials. As *National Register Bulletin* 36 observes, "Recogniz-ability of a property, or the ability of a property to convey its significance, depends largely upon the degree to which the design of the property is intact" (Townsend et al. 1993:18). Workmanship is evidence of the artisan's labor and skill and can apply to either the entire property or to specific features of the property. Finally, materials C the physical items used on and in the property C are "of paramount importance under Criterion C" (Townsend et al. 1993:19). Integrity here is reflected by maintenance of the original material and avoidance of replacement materials.

### Laboratory Analysis

The cleaning and analysis of artifacts was conducted in Columbia at the Chicora Foundation laboratories. These materials have been catalogued and accessioned for curation at the South Carolina Institute of Archaeology and Anthropology, the closest regional repository. A revisit form for the identified archaeological site has been filed with the South Carolina Institute of Archaeology and Anthropology. Field notes and photographic materials have been prepared for curation using archival standards and will be transferred to that agency as soon as the project is

complete.

Analysis of the collections followed professionally accepted standard with a level of intensity suitable to the quantity and quality of the remains. In general, the temporal, cultural, and typological classifications of prehistoric materials were defined by such authors as Yohe (1996), Blanton et al. (1986), and Oliver et al. (1986). In general, the temporal, cultural, and typological classifications of historic remains follow such authors as Price (1979) and South (1977).



## RESULTS OF SURVEY

### Introduction

As a result of this cultural resources survey one archaeological site (38DR141/30) was recorded (Figure 10). The site had been previously recorded, but not tested. Current testing revealed that the site is eligible for the National Register of Historic Places. The architectural survey did not identify any structures or other resources beyond those identified by the 1997 survey, none of which were in the project APE (Fick 1997).

### Archaeological Resource

#### **38DR141/30**

Site 38DR141/30 is a scatter of eighteenth to twentieth century remains and a small

prehistoric pottery scatter. It is located on a hilltop and side slope at an elevation ranging from 20 to 30 feet AMSL. A central UTM coordinate is E579552 N3647031 (NAD27 datum).

The site, located in a fallow field, was first discovered in 1980 during a reconnaissance for the Eagle Creek and Chandler Bridge Creek Channelization Project (Scurry 1980). At the time, 38DR141/30 was outside the project impact area, so no additional work was performed. The site was revisited in 2002, but was still not tested (Hendrix et al. 2002:54-56). The 2002 reconnaissance noted the "presence of brick, mortar, and ceramics dating from the eighteenth and nineteenth century," (Hendrix et al. 2002:56) however the current survey did not find any surface scatters of brick. The 1980 site form,

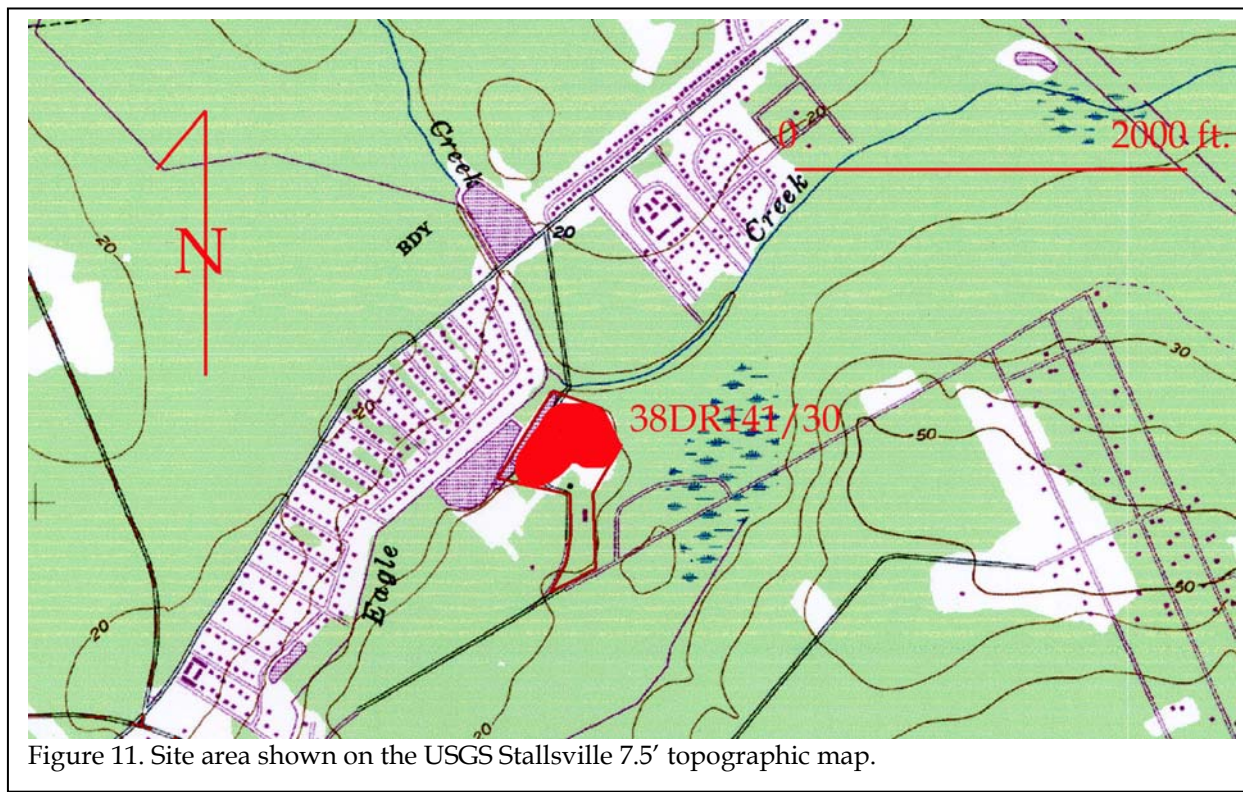


Figure 11. Site area shown on the USGS Stallsville 7.5' topographic map.



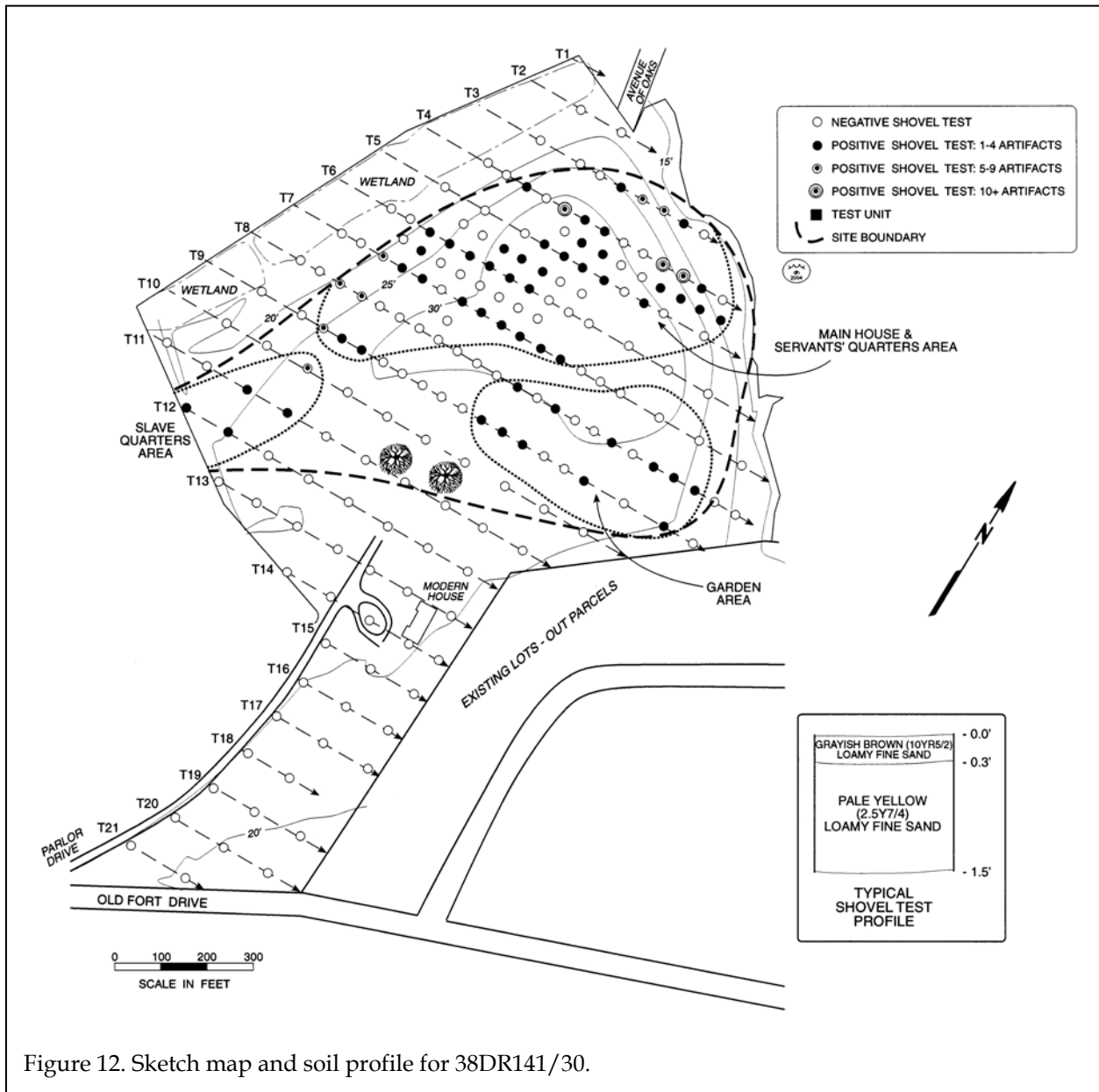


Figure 12. Sketch map and soil profile for 38DR141/30.

recorded by James Scurry states that “bricks have reportedly been robbed from the site for chimney construction at [the] new house,” so years of collecting surface remains may have affected site integrity. This “new house,” still standing (see Figure 10) does have “old brick” incorporated into its construction, but we aren’t able to determine if that brick came from the Tranquil Hill site. Several metal detector holes were found in the site area, indicating that the site is known by local relic

collectors.

Shovel testing was initially performed at 100-foot intervals, then intermittent transects and shovel tests at 50-foot intervals were excavated. Time restraints prevented the testing of the entire site, which measures approximately 1,000 feet east-west by 800 feet north-south (or about 18 acres based on positive shovel tests), at 50-foot intervals, so we focused our attention on the areas

with a higher density of remains. A total of 102 shovel tests of the 195 excavated for the entire project area, were positive (52%).

The soils resemble Yauhannah loamy fine sands, which have an A horizon of grayish brown (10YR5/2) loamy fine sand to a depth of 0.3-0.6 foot over a pale yellow (2.5Y7/4) loamy fine sandy to a depth of 1.5 feet. Some soils contained a

When the locations of positive shovel tests are examined (Figure 12) and compared the different loci shown in Figure 13, it appears that these different site areas blur together – almost certainly the result of over 100 years of cultivation. Nevertheless, even today the combination of artifact distribution, topography, and drainage features allows us to speculate that the main settlement was situated on the elevation still

present in the field. The four structures thought to be the settlement for house slaves is situated on the slope down to Eagle Creek. And the slave settlement is situated at the western edge of the site, perhaps extending off the tract.

Table 1 itemizes the artifacts that we believe are associated with the settlement at the northeastern edge of the site – accounting for 86 specimens. Nearly a quarter of these are Colono wares – slave made low-fired earthenware. The clear glass total is also large, although 16 of the specimens come from one tumbler – likely salvaged from main house discard. Much of

the collection (23 specimens or 27%) are architectural, including nails and window glass. This suggests that the structures in this area were rather well made – entirely consistent with either the quarters for house servants or other utilitarian buildings in a plantation setting.

The bulk of the collection, or 104 specimens, is thought to be associated with the main house settlement (Table 2). Of these remains 33, or nearly a third, are architectural – consistent with a large and elaborate dwelling. Ceramics are surprisingly un-common; perhaps this represents a sampling bias or perhaps there is a discard area which has not been identified.

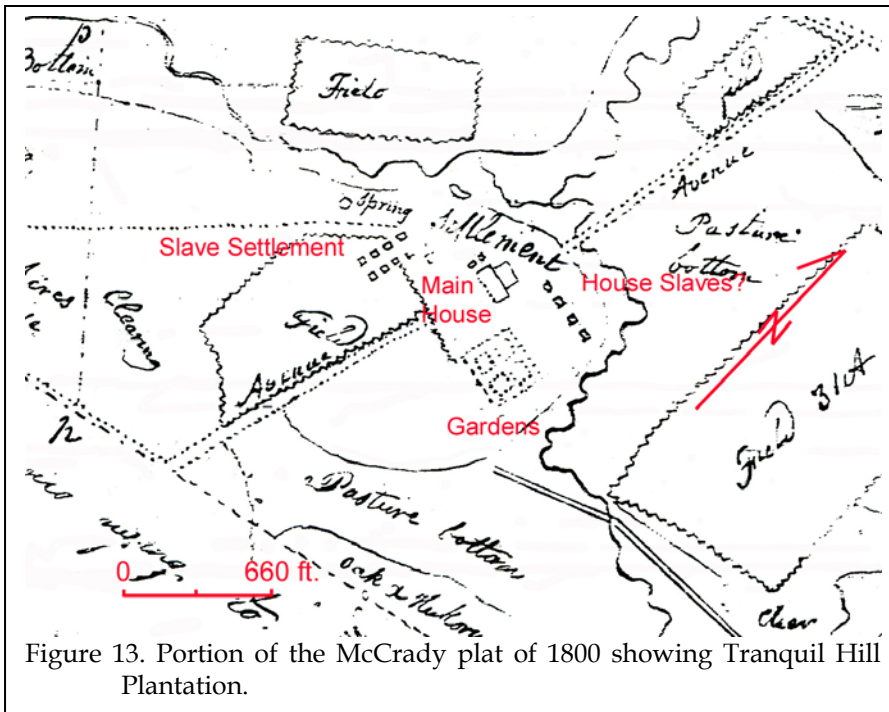


Figure 13. Portion of the McCrady plat of 1800 showing Tranquil Hill Plantation.

mottled red (2.5YR4/6) and brownish yellow (10YR6/8) clay 0.5 to 1.0 foot below the surface. This clay may be natural to the area or may represent disturbances to the site; regardless, it was found in very limited areas.

As previously mentioned, the artifacts date from the eighteenth to the twentieth century and an unknown prehistoric period. The site appears to have three individual loci of remains. The first loci is Tranquil Hill Plantation, which according to the 1800 John Diamond Plat (McCrady Plat 4888; see Figure 13), consists of a main house with two out-structures to the west, four structures to the east, and eight structures to the southwest.

Table 3 illustrates the materials that are thought to be associated with the slave settlement. Only 13 items are represented, reflecting a sparse collection of a wide range of materials.

and Asbury.

For the purpose of mean ceramic dating we have chosen to combine the different plantation areas. We have small samples and we

admit that our separation of the areas is, at present, tenuous. Table 4 provides a mean ceramic date of 1780. If we assume a start date of ca. 1720 and a terminal date of 1826 (with the death of Warings widow), we have a mean historic date of 1773 – very close to our observed mean ceramic date based on survey data.

Finally, we can also examine the artifact pattern revealed by the assemblage (ignoring probable activity area differences and removing the prehistoric collection). Table 5 provides the results, suggesting that the collection is a reasonably good representation of the Revised Carolina Artifact Pattern, with only the Activities Group standing out (and this is likely the result of our inclusion of smoothing stones in this category). Of course this result is not surprising – by all indications the collection should resemble an eighteenth to nineteenth century plantation establishment, given the historical accounts. What these results may however tell us is that there has been considerable mixing of the artifacts from the different plantation areas.

Table 1.  
Artifacts from the posited House Servants' Quarters

	T3 ST3	T3 ST3.5	T3 ST4	T3 ST4.5	T4 ST2	T4 ST3	T4 ST3.5	T4 ST4	T4 ST5.5	T4 ST6	T4 ST6.5
<b>Kitchen Group</b>											
Colonoware		1	1	3	1	2			3	7	2
Creamware, undec.			1				1		2		
Pearlware, undec.										1	
Pearlware, blue TP							1			2	
Brown stoneware						1					
Brown salt glazed SW										1	
White salt glazed SW			1						1		
Westerwald											2
Black basalt								1			
Jackfield											1
Astbury ware									1		
Lead glazed slipware						2					
White porcelain, undec						1					
Chinese porc, blue HP						1					
Glass, clear		1	1			16*			1		
Glass, black		1				1			1	3	
Glass, green	2								1		
<b>Architecture Group</b>											
Window Glass				1		6				1	
UID nail fragments				1					5	6	1
Nail, handwrought						1				1	
<b>Tobacco Group</b>											
Pipe stem					1						
Pipe bowl									2		
<b>Activities Group</b>											
Smoothing stones			5						1	1	
<b>Prehistoric Items</b>											
sherd, small											
<b>TOTAL</b>	2	3	9	5	2	15	2	1	18	23	6

T = Transect      ST = Shovel Test  
 EW = earthenware    Porc = porcelain    SW = stoneware  
 HP = hand painted    TP = transfer printed  
 OG = over glazed    LG = lead glazed  
 \* = mend, panelled tumbler

The materials identified from the survey are generally small, likely the result of intensive cultivation. Yet they do represent a range of different materials, including some that are typically uncommon, such as polychrome hand-painted over-glazed Chinese porcelains, Jackfield,

and Asbury.

[illegible]

Table 3.  
Artifacts from the posited Slave Settlement

	T11 ST3	T11 ST4	T12 ST1	T12 ST2	SUR
<b>Kitchen Group</b>					
Creamware, undec.		1			
Pearlware, blue TP					1
Whiteware, undec.			1		
White porcelain, undec.	1				
Chinese porc, poly HP OG				1	
Chinese porc, blue HP					1
Glass, clear			1		
Glass, black	1				
Kettle fragment					1
<b>Architecture Group</b>					
Window Glass				2	
UID nail fragments			1		
<b>Activities Group</b>					
Hoe blade					1
<b>TOTAL</b>	2	1	3	3	4

T = Transect ST = Shovel Test

EW = earthenware Porc = porcelain SW = stoneware

HP = hand painted TP = transfer printed

OG = over glazed LG = lead glazed

\* = mend, panelled tumbler

include historic landscape features – such as the elevation of the main settlement and the still extant avenue of oaks to the north. Both can be helpful in placing other historic features in a more secure context. Finally, even this brief study reveals there are historic documents, such as the 1800 plat and an eighteenth century painting of the settlement (at the Gibbes Museum of Art).

In sum, there are a variety of known, and reasonably anticipated, data sets at 38DR141/30, including an array of mid-eighteenth through early nineteenth century artifacts, faunal remains, structural remains, concentrations of refuse, and garden remains.

Site integrity has been affected by plowing, possible salvage of bricks, and some degree of metal detecting and looting. Nevertheless, the shovel tests suggest that much of the site is still intact. There are no areas of extensive looter damage and we see no evidence of extensive potholes (unlikely since the field has

been cultivated).

We believe the site is a good example of a mid-eighteenth century country settlement, capable of providing data to contrast with other eighteenth century settlements at opposite ends of the spectrum. For example, Tranquil Hill was certainly less prestigious than Crowfield or Broom Hall – both of which have had some degree of main house and/or slave settlement study. In particular, the current site incorporates the garden area, allowing studies that were not possible at Broom Hall (where the garden was already destroyed) and expanding on the initial efforts at Crowfield (where the gardens, preserved, were briefly examined). The site also offers the potential to examine a settlement area that may represent house servants – a site classification for which there is almost no data.

We believe that this site has the potential to address significant research questions about plantation life in the low-country and recommend it eligible for inclusion on the National Register of Historic Places. While green spacing would be a preferred option, we understand that given its size (approximately 18 of the 25 acres available for

Table 4.  
Mean Ceramic Date for the 38DR141/30 collection

Ceramic	Date Range	mean		
		Date (xi)	(fi)	fi x xi
Overglazed enamelled porc	1660-1800	1730	2	3460
Underglazed blue porc	1660-1800	1730	1	1730
Westerwald	1700-1775	1738	2	3476
White salt glazed stoneware	1740-1775	1758	2	3516
Black basalt	1750-1820	1785	1	1785
Lead glazed slipware	1670-1795	1733	2	3466
Jackfield	1740-1780	1760	1	1760
Decorated delft	1600-1802	1750	3	5250
Creamware, edged	1790-1820	1805	2	3610
Creamware, undecorated	1762-1820	1791	6	10746
Pearlware, blue trans printed	1795-1840	1818	5	9090
Pearlware, annular/cable	1790-1820	1805	1	1805
Pearlware, undecorated	1780-1830	1805	3	5415
Whiteware, undecorated	1813-1900	1860	1	1860
Total			32	56969
Mean Ceramic Date	1780.3			



Figure 14. View the hill where the plantation is located.

development) this is not a viable option. If that is the case, then we recommend data recovery to examine and document critical features of the plantation.

### Architectural Resources

There are no previously recorded National Register buildings, districts, structures, or objects in the APE. In addition, no historic properties noted in the 1997 Dorchester Survey (Fick 1997) were found in the project APE. A drive of the surrounding roads verified the findings.

Table 5.  
Previously Published Artifact Patterns Compared to  
38DR141/30

	Revised Carolina Artifact Pattern <sup>a</sup>	Carolina Slave Artifact Pattern <sup>a</sup>	Georgia Slave Artifact Pattern <sup>b</sup>	38DR141/ 30
Kitchen	51.8-65.0	70.9-84.2	20.0-25.8	58.6
Architecture	25.2-31.4	11.8-24.8	67.9-73.2	29.1
Furniture	0.2-0.6	0.0-0.1	0.0-0.1	0
Arms	0.1-0.3	0.1-0.3	0.0-0.2	0
Tobacco	1.9-13.9	2.4-5.4	0.3-9.7	3.9
Clothing	0.6-5.4	0.3-0.8	0.3-1.7	0
Personal	0.2-0.5	0.0-0.1	0.1-0.2	0
Activities	0.9-1.7	0.2-0.9	0.2-0.4	5.4

<sup>a</sup> Garrow 1982

<sup>b</sup> Singleton 1980



## CONCLUSIONS

This study involved the examination of approximately 25 acres of land in southeastern Dorchester County proposed to be used for a neighborhood of single family homes. This work, conducted for Mr. Van Malphrus of Tranquil Hill, LLC, examined archaeological sites and cultural resources found on the proposed project area and is intended to assist Tranquil Hill, LLC in complying with their historic preservation responsibilities.

As a result of this investigation, one archaeological site, 38DR141/30, was identified and assessed. Site 38DR141/30 is an eighteenth to nineteenth century plantation with a very sparse scatter of prehistoric artifacts. The plantation component is recommended eligible for inclusion on the National Register of Historic Places under Criterion D, information potential. The site has the ability to address a range of significant research questions about plantation life in the low-country, focusing on not only comparisons with other nearby plantations, but also unique plantation features such as the gardens and the posited house servants' quarters. The prehistoric component is recommended as a non-contributing resource.

A survey of public roads within 1.0 mile confirmed the findings of the 1997 county-wide survey (Fick 1997). No standing structures potentially eligible for inclusion on the National Register were found in the project APE.

It is possible that archaeological remains may be encountered during construction activities. As always, contractors should be advised to report any discoveries of concentrations of artifacts (such as bottles, ceramics, or projectile points) or brick rubble to the project engineer, who should in turn report the material to the State Historic Preservation Office, or Chicora Foundation (the process of dealing with late discoveries is

discussed in 36CFR800.13(b)(3)). No further land altering activities should take place in the vicinity of these discoveries until they have been examined by an archaeologist and, if necessary, have been processed according to 36CFR800.13(b)(3).





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